1. Record Nr. UNINA990001487730403321

Autore	Yang, Yisong
Titolo	Solitons in field theory and nonlinear analysis / Yisong Yang
Pubbl/distr/stampa	New York [etc.] : Springer, c2001
ISBN	0-387-95242-X
Descrizione fisica	xxiv, 553 p. ; 25 cm
Collana	Springer monographs in mathematics
Disciplina	510
Locazione	MA1
Collocazione	MAI-35-025
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910830234203321

Titolo	Sample preparation for hyphenated analytical techniques [[electronic resource] /] / edited by J.M. Rosenfeld
Pubbl/distr/stampa	Oxford, : Blackwell, 2004
ISBN	9786610213375 1-280-21337-X 1-4443-0550-6 1-4051-4803-9
Descrizione fisica	1 online resource (237 p.)
Altri autori (Persone)	RosenfeldJ. M
Disciplina	543.19
Soggetti	Sample introduction (Chemistry) Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contributors; Contents; 1 Introduction: current techniques and issues in sample preparation; 2 Molecular pathology: applications of genomic analyses to diagnosis of genetic diseases; 3 Measurement of oxidative DNA damage by gas chromatography-mass spectrometry and liquid chromatography-mass spectrometry; 4 Utility of chemical derivatization schemes for peptide mass fingerprinting; 5 Oligosaccharides; 6 Hyphenated techniques in drug discovery: purity assessment, purification, quantitative analysis and metabolite identification; 7 Environmental organic analytes 8 From cells to instrumental analysis9 Studies on animal to instrument hyphenation: development of separation-based sensors for near real-time monitoring of drugs and neurotransmitters; Index
Sommario/riassunto	Linking "standard" but often mutually incompatible analytical techniques - so called hyphenation - generally leads to enhanced analytical performance, so hyphenated techniques are widely used in areas where samples are presented in complex matrices, eg environmental, pharmaceutical and biochemical analysis. With these hyphenated techniques, sample preparation is often the most time-consuming step in analysis, particularly where compounds are present in low concentration, and it has a huge influence on the quality of the analytical results. Sample preparation is still not given the importance i